

ABSTRACT

The present invention relates to a cross-linkable or cross-linked rubber composition usable in a tread of a tire, and to a tire incorporating this tread. A rubber composition according to the invention is based on at least one diene elastomer, and a plasticizer comprising a glycerol oleic acid triester, said plasticizer comprises:

one or more synthetic and/or natural compounds not extracted from petroleum in a mass fraction of from 45% to 100%, said compounds comprising at least one glycerol fatty acid triester, and the fatty acid(s) as a whole comprise oleic acid in a mass fraction equal to or greater than 60%, and

one or more paraffinic, aromatic or naphthenic type plasticizing oils extracted from petroleum in a mass fraction of from 55% to 0%. The invention applies in particular to tires of passenger-vehicle type.